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(54) **Expandable well screen**

(57) An expandable well screen (36) provides increased collapse, torsional and tensile strength. In an embodiment, the expandable well screen (36) includes a generally tubular base pipe (38) and an external filtering media (40). The well screen (36) is configured to have sufficient torsional and tensile strength for conveyance and positioning in a wellbore, while also having sufficient strength to prevent collapse when the screen (38) is radially expanded.

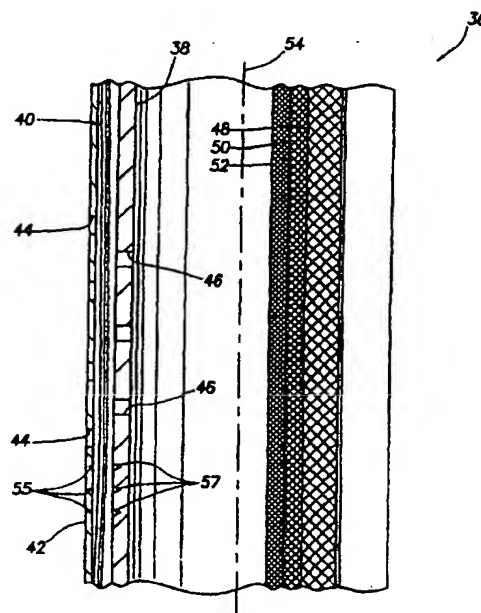


FIG.2

EP 1 152 120 A3

EUROPEAN SEARCH REPORT

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2771133	A	21-05-1999	FR 2771133 A1	21-05-1999
			AU 1159199 A	07-06-1999
			WO 9925951 A1	27-05-1999
US 3099318	A	30-07-1963	NONE	
WO 9849423	A	05-11-1998	AU 717503 B2	30-03-2000
			AU 7651798 A	24-11-1998
			BR 9809005 A	08-08-2000
			WO 9849423 A1	05-11-1998
			EP 0980462 A1	23-02-2000
			NO 995248 A	27-10-1999
US 5901789	A	11-05-1999	AU 710745 B2	30-09-1999
			AU 7568096 A	29-05-1997
			BR 9611456 A	17-02-1999
			DE 69617258 D1	03-01-2002
			EA 980433 A1	29-10-1998
			WO 9717524 A2	15-05-1997
			EP 0859902 A2	26-08-1998
			JP 11514712 T	14-12-1999
			NO 982087 A	07-07-1998
			NZ 322015 A	28-10-1999
			US 6012522 A	11-01-2000

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